



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office

Address: COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

| | | | |
|-----------------------------|-------------------------|----------------------------------|-----------------------------------|
| SERIAL NUMBER 07/502,330 | FILING DATE 03/30/90 | FIRST NAMED INVENTOR HANSCHEN | ATTORNEY DOCKET NO. 44938USA54 |
|-----------------------------|-------------------------|----------------------------------|-----------------------------------|

| | |
|----------|----------|
| BELL, J. | EXAMINER |
|----------|----------|

ATTN: WILLIAM J. BOND
3M OFFICE OF PATENT COUNSEL
P. O. BOX 33427
ST. PAUL, MN 55133-3427

| | |
|------------------|-------------------|
| ART UNIT 1504 | PAPER NUMBER 8 |
|------------------|-------------------|

DATE MAILED: 03/13/92

This is a communication from the examiner in charge of your application.
COMMISSIONER OF PATENTS AND TRADEMARKS

This application has been examined. Responsive to communication filed on 10/22/91. This action is made final.

A shortened statutory period for response to this action is set to expire 3 month(s). days from the date of this letter.
Failure to respond within the period for response will cause the application to become abandoned. 35 U.S.C. 133

Part I THE FOLLOWING ATTACHMENT(S) ARE PART OF THIS ACTION:

1. Notice of References Cited by Examiner, PTO-892.
2. Notice re Patent Drawing, PTO-948.
3. Notice of Art Cited by Applicant, PTO-1449.
4. Notice of Informal Patent Application, Form PTO-152
5. Information on How to Effect Drawing Changes, PTO-1474.
6.

Part II SUMMARY OF ACTION

1. Claims 1-37 + 76-64 are pending in the application.

Of the above, claims _____ are withdrawn from consideration.

2. Claims _____ have been cancelled.

3. Claims _____ are allowed.

4. Claims 1-37 + 46-64 are rejected.

5. Claims _____ are objected to.

6. Claims _____ are subject to restriction or election requirement.

7. This application has been filed with informal drawings under 37 C.F.R. 1.85 which are acceptable for examination purposes.

8. Formal drawings are required in response to this Office action.

9. The corrected or substitute drawings have been received on _____. Under 37 C.F.R. 1.84 these drawings are acceptable; not acceptable (see explanation or Notice re Patent Drawing, PTO-948).

10. The proposed additional or substitute sheet(s) of drawings, filed on _____, has (have) been approved by the examiner; disapproved by the examiner (see explanation).

11. The proposed drawing correction, filed _____, has been approved; disapproved (see explanation).

12. Acknowledgement is made of the claim for priority under U.S.C. 119. The certified copy has been received not been received been filed in parent application, serial no. _____; filed on _____.

13. Since this application appears to be in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11; 453 O.G. 213.

14. Other

EXAMINER'S ACTION

Serial No. 502,330

-2-

Art Unit 1504

Claims 1-37 and 46-64 are rejected under 35 U.S.C. § 112, first paragraph, as the disclosure is enabling only for claims limited to film layers. See M.P.E.P. §§ 706.03(n) and 706.03(z).

In disclosure (note page 8, lines 5 and 6 to describe the core layer). The layers set forth are described throughout the disclosure as film layers. The claims, as presently set forth, could include layers other than film layers. Clarification would be greatly appreciated.

James J. Bell:jp
February 18, 1992

JAMES J. BELL
PRIMARY EXAMINER
ART UNIT 154